

REDDITCH URBAN DISTRICT COUNCIL



ANNUAL REPORT

of the

MEDICAL OFFICER

OF HEALTH

and

CHIEF PUBLIC HEALTH

INSPECTOR



FOR THE YEAR

1956

REDDITCH URBAN DISTRICT COUNCIL.

ANNUAL REPORT

of the

PUBLIC HEALTH

DEPARTMENT

FOR THE YEAR 1956.



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Redditch Urban District Council

ANNUAL REPORT

of the

Public Health Department

FOR THE YEAR 1956

CHAIRMAN OF THE COUNCIL : COUNCILLOR W. J. HUNT.

PUBLIC HEALTH AND HOUSING COMMITTEE :
CHAIRMAN : COUNCILLOR J. H. TAYLOR.

COMMITTEE MEMBERS :

Councillor H. G. Bayliss	Councillor T. J. H. Hudson
„ E. J. T. Cole	„ A. Poole
„ R. J. Dickens	„ Mrs. J. Shirley-Priest
„ E. Harris	„ J. H. Taylor
„ S. V. Hill	„ A. P. Wells

PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY

(a) E. T. SHENNAN, M.B., Ch.B., D.P.H.,
Medical Officer of Health (Part Time)
and Assistant County Medical Officer.

V. PUGH, B.Sc., M.B., Ch.B., M.R.C.S., L.R.C.P.,
Deputy Medical Officer of Health (Part Time)
and Assistant County Medical Officer.

(b) G. H. CHAMPION, Cert. “ S.I.B.”
Chief Public Health Inspector,
Meat and Food Inspector,
Inspector under the Shops Acts.

G. H. SMITH, Cert. “ S.I.B.”
Additional Public Health Inspector,
Meat and Food Inspector.

R. HILL, Cert. “ S.I.B.”
Additional Public Health Inspector,
Meat and Food Inspector.

Mrs. M. M. Arnold — SENIOR CLERK,
(1st January—13th April, 1956).

Mrs. J. Lewis — SENIOR CLERK,
(9th April—31st Dec., 1956).

Mrs. C. H. Wheeler — CLERK.

TO THE CHAIRMAN AND MEMBERS OF THE
REDDITCH URBAN DISTRICT COUNCIL.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting the Annual Report which relates to the state of public health in the Redditch Urban District for the year ending 31st December, 1956.

As I did not take up my appointment in Redditch until 1st July, 1957, I am presenting this as a statistical report without any further commentary.

I have the honour to be, Ladies and Gentlemen,

Your Obedient Servant.

W. DRAWNEEK,

Medical Officer of Health.

Statistics and Social Conditions of the Area.

AREA — 12.059 Acres.

Registrar-General's Estimate of resident population,

mid 1956	—	31,390
„ 1955	—	30,930
„ 1954	—	30,710
„ 1946	—	26,040
Census 1951	—	29,184

Number of inhabited houses end of 1956	—	9,954
„ „ 1955	—	9,845
„ „ 1954	—	9,786
„ „ 1946	—	7,574

Rateable Value—£371.109

Sum represented by the Penny Rate—£768.

VITAL STATISTICS.

(1955 figures given in brackets).

POPULATION.

The estimated population at 31,390 shows a further increase of 460 over last year's figure (30,930). The excess of births over deaths was 199 (196)

LIVE BIRTHS.

LIVE BIRTHS			
	M	F	Total
Legitimate ...	255	224	479
Illegitimate ...	9	13	22
Total	264 (241)	237 (262)	501 (503)

Birth Rate (Births per 1,000 population) :—

	1956	1955	1954	1946	1956 (Eng. and Wales)
Crude :	15.89	16.26	16.25	20.4	15.7 (15.0)
Standardised :	15.41	15.81	15.76		

Illegitimacy Rate (Total live illegitimate births per 1,000 Total live births) :

1956	1955	1954	1946
43.91	25.84	42.08	84.7

STILL BIRTHS.

STILL BIRTHS			
	M	F	Total
Legitimate ...	4	6	10
Illegitimate ...	—	1	1
Total ...	4 (3)	7 (5)	11 (8)

Still-Birth Rate (Still births per 1,000 live and still births) :

1956	1955	1954	1946	1956 (Eng. and Wales)
21.50	15.66	21.59	25.7	23.0 (23.1)

DEATHS.

DEATHS		
M	F	Total
161 (162)	141 (145)	302 (307)

Death Rate (Deaths per 1,000 population) :

	1956	1955	1954	1946	1956 (Eng. and Wales).
Crude :	9.62	9.93	9.36	9.9	11.7 (11.7)
Standardised :	11.15	10.62	10.01		

The principal causes of death were as follows :—

1. Diseases of the Heart and Circulatory System (including inter-cranial vascular lesions) 55.63 % of all deaths (47.6 %)
2. Cancer (all forms) and other malignant disease 13.57 % „ „ „ (15.9 %)
3. Respiratory Disease (excluding T.B.) 7.95 % „ „ „ (12.1 %)
4. Road and Other Accidents ... 3.64 % „ „ „ (5.5 %)
5. Tuberculosis 2.65 % „ „ „ (0.97 %)

MATERNAL MORTALITY.

There were no maternal deaths.

INFANT AND NEONATAL MORTALITY.

DEATHS OF INFANTS UNDER 1 YEAR			
	M	F	Total
Legitimate ...	7	2	9
Illegitimate ...	—	—	—
Total ...	7 (6)	2 (3)	9 (9)

DEATHS OF INFANTS WITHIN THE FIRST FOUR WEEKS			
	M	F	Total
Legitimate ...	6	2	8
Illegitimate ...	—	—	—
Total ...	6 (5)	2 (2)	8 (7)

Death Rates of Infant and Neonatal Deaths.

	1956	1955	1954	1946	Eng. & Wales 1956
Death rate of legitimately born infants under 1 year of age per 1,000 legitimate births	19.00	16.33	23.01	24.7	—
Death rate of all illegitimately born infants under 1 year of age per 1,000 illegitimate births ...	—	76.92	47.62	66.7	—
Death rate of all infants under 4 weeks of age per 1,000 live births ...	15.97	13.92	18.04	—	16.9
Death rate of all infants under 1 year of age per 1,000 live births ...	17.96	17.89	23.49	28.2	23.8

Causes of Infant Deaths.

(Neonatal Deaths in brackets).

				1956	1955	1954
Prematurity	...	...	...	3(3)	3(3)	6(6)
Asphyxia	...	...	...	—	—	1
Amyoplasia Congenita		...	...	—	—	1
Broncho Pneumonia ...	...	...	...	1	—	—
Congenital Malformation	...	...	...	2(2)	4(3)	3(2)
Birth Injury	...	...	...	—	1(1)	1(1)
Gastro-enteritis	...	...	...	—	1	—
Peritonitis	...	...	...	1(1)	—	—
Intestinal Obstruction	...	...	...	1(1)	—	—
Osteochondritis and Hepatitis	...	...	...	1(1)	—	—

DEATHS BY AGE		
Age in years	1956 %	1955 %
0—1 ...	2.65	2.93
1—14 ...	0.99	1.30
15—24 ...	0.99	0.98
25—64 ...	28.80	23.78
65 and over	66.77	71.00

CAUSES OF DEATH IN THE REDDITCH URBAN DISTRICT, 1956.

CAUSE OF DEATH	M.	F.	Total	Mortality Rate per 1,000 Pop. 1956	Mortality Rate per 1,000 Pop. 1955
1. Tuberculosis of the Res- piratory System ...	5	2	7	0.223	0.097
2. Other forms of Tuber- culosis ...	0	1	1	0.032	0
3. Syphilitic Diseases ...	1	0	1	0.032	0.032
4. Diphtheria ...	0	0	0	0	0
5. Whooping Cough ...	0	0	0	0	0
6. Meningococcal Infec- tions ...	0	0	0	0	0
7. Acute Poliomyelitis ...	0	0	0	0	0
8. Measles ...	0	0	0	0	0
9. Other Infectious and Parasitic Diseases ...	0	0	0	0	0.032
10. Malignant Neoplasm, Stomach ...	4	3	7	0.223	0.065
11. Malignant Neoplasm, Lung, Bronchus ...	6	1	7	0.223	0.226
12. Malignant Neoplasm, Breast ...	0	5	5	0.159	0.226
13. Malignant Neoplasm, Uterus ...	0	1	1	0.032	0.161
14. Other Malignant and Lymphatic Neoplasms	13	8	21	0.668	0.905
15. Leukaemia, Aleukaemia	0	2	2	0.064	0.065
16. Diabetes ...	0	1	1	0.032	0.097
17. Vascular Lesions of the Nervous System ...	23	18	41	1.306	1.746
18. Coronary Disease, An- gina ...	30	13	43	1.369	0.905
19. Hypertension with Heart Disease ...	2	2	4	0.127	0.097
20. Other Heart Disease	27	41	68	2.166	1.714
21. Other Diseases of the Circulatory System	7	5	12	0.382	0.259
22. Influenza ...	0	1	1	0.032	0.065
23. Pneumonia ...	6	8	14	0.446	0.323
24. Bronchitis ...	3	6	9	0.287	0.679
25. Other Diseases of the Respiratory System ...	4	0	4	0.127	0.123
26. Ulcer of the Stomach and Duodenum ...	2	0	2	0.064	0.161
27. Gastritis, Enteritis and Diarrhoea ...	0	0	0	0	0.032
28. Nephritis and Nephro- sis ...	2	5	7	0.223	0.097
29. Hyperplasia of Prostate	2	0	2	0.064	0.032
30. Pregnancy, Childbirth and Abortion... ..	0	0	0	0	0
31. Congenital Malforma- tions ...	2	0	2	0.064	0.161
32. Other defined and ill- defined diseases ...	15	12	27	0.860	1.002
33. Motor Vehicle Accidents	4	1	5	0.159	0.194
34. All other Accidents ...	4	2	6	0.191	0.356
35. Suicide ...	0	2	2	0.064	0.065
36. Homicide and Opera- tions of War ...	0	0	0	0	0
TOTAL ...	161	141	302	9.62	9.93
	(162)	(145)	(307)		

General Provision of Health Services.

(a) CLINICS AND TREATMENT SERVICES.

Clinic.	Situation.	Time of Holding.
Redditch Infant Welfare Centre	Old Vicarage Bromsgrove Rd.	Monday and Tuesday, 2 p.m.
Abbeydale Infant Welfare Centre	Abbeydale Community Centre	2nd and 4th Thursdays, 2 p.m.
Astwood Bank Infant Welfare Centre (including Diphtheria Immunisation and Vaccination).	Church Hall, Astwood Bank	2nd and 4th Mondays, 2 p.m.
Feckenham Infant Welfare Centre (including Diphtheria Immunisation and Vaccination).	Village Hall, Feckenham.	3rd Wednesdays, 2 p.m.
School Clinic	Old Vicarage	Thursdays, 9.30 a.m.
Dental Clinic	Day Nursery Bromsgrove Road	By appointment.
Ante-natal Clinic	Old Vicarage	Tuesdays, 10.0 a.m.
Orthopaedic Clinic	Smallwood Hospital.	Mondays, 9.30 a.m.
Ophthalmic Clinic	Old Vicarage	By appointment.
Tuberculosis Clinic.	Smallwood Hospital	Thursdays, 10 a.m.
Diphtheria Immunisation	Old Vicarage	2nd and 4th Thursdays, 9.30 a.m.
Vaccination	Old Vicarage	4th Thursdays, 10.30 a.m.

The County Council continued to provide, on their own behalf or administer as Agents for the Regional Hospital Board, the above health services in the district.

(b) MIDWIFERY AND HOME NURSING.

Three agencies provided the Midwifery Services in the district, (1) the family doctor—ante and post-natal care and home confinements; (2) the County Council—ante-natal clinics and district midwives, (3) the Regional Hospital Board—hospitals for delivery and treatment.

The County Council provided nurse-midwives who attended general nursing and midwifery cases in the home.

(c) HEALTH VISITING.

The County Council continued to provide a Health Visiting Service.

The Health Visitors serving the district were :—

Nurse E. Jones. High Street, Feckenham.

Nurse M. Hill, Old Vicarage, Bromsgrove Road, Redditch.

Nurse W. A. M. Tilt, "Brynglas," Penmanor, Finstall.

Nurse M. Pope, Old Vicarage, Bromsgrove Road, Redditch.

Nurse B. Cramp, Old Vicarage, Bromsgrove Road, Redditch.

Nurse M. Pike, Old Vicarage, Bromsgrove Road, Redditch.

(d) SCHOOL HEALTH.

The County Council continued to provide an extensive school health service. School Medical Officers carried out inspection of children and regular Minor Ailments Clinics were held at the Old Vicarage, Bromsgrove Road, Redditch. Specialist, Ophthalmic and Orthopaedic Clinics were also held. A full-time Assistant School Dental Officer was available.

(e) DIPHTHERIA IMMUNISATION AND SMALLPOX VACCINATION.

The County Council continued to provide this service. It was administered locally by the District Medical Officer of Health. Figures are available under Section F.

(f) LABORATORY FACILITIES.

Public Health Laboratory Service, Royal Infirmary, Worcester.

The County Laboratory, County Buildings, Worcester.

These two laboratories rendered valuable service towards the detection and prevention of spread of disease in the district. Bacteriological examinations were carried out by the Public Health Laboratory Service and the County Laboratory carried out chemical analyses of water, ice cream, etc.

(g) HOSPITALS.

The following Hospitals were available to the residents of the district :—

- | | | |
|---------------------------------------|-----|---|
| 1. Infectious Diseases | ... | Hayley Green Isolation Hospital, Halesowen, and Little Bromwich Fever Hospital. |
| 2. Maternity | ... | ...Bromsgrove General Hospital, Bromsgrove ; Mary Stevens Maternity Hospital, Stourbridge ; and Lucy Baldwin Maternity Hospital, Stourport. |
| 3. General Medical and Surgical Cases | ... | Smallwood Hospital, Redditch ; ...Bromsgrove General Hospital, Bromsgrove ; and various Birmingham Hospitals. |
| 4. Children's Diseases | ... | ...The Children's Hospital, Birmingham. |
| 5. Venereal Disease | ... | ...The General Hospital, Birmingham ; The Royal Infirmary, Worcester. |
| 6. Aged Chronic Sick | ... | ...Bromsgrove General Hospital, Bromsgrove ; and Blakebrook Hospital, Kidderminster. |
| 7. Mental Illness | ... | ...Barnsley Hall Mental Hospital, Bromsgrove. |

(h) AMBULANCE SERVICE.

The County Council provided an extensive ambulance service throughout the County. A section operating in Redditch served the district.

(i) HEALTH EDUCATION.

The Council continued to subscribe to the Central Council for Health Education whose services were utilised during the year for the provision of leaflets and posters.

(j) HOME AND DOMESTIC HELP SERVICE.

The service continued to function well during the year. It was conducted through the agency of the W.V.S. for the County Council by Mrs. L. M. Brown who is to be complimented on a very valuable and efficient service.

The number of Home Helps employed was two full-time, five part-time and three occasional helpers. The service was available for families during confinement or illness of the mother, in cases of chronic sickness and for old people. A charge was made which could be scaled down in case of need. Home Helps were sent to 131 cases.

Cases dealt with :—

Maternity	...	...	...	...	28
Tuberculosis	...	...	...	...	4
Chronic Sick, Aged and Infirm				...	70
Others	...	...	...	...	29

(k) CARE OF THE AGED.

The W.V.S. continued to provide a “ meals-on-wheels ” service for old people in their homes.

HOUSING.

The housing figures for 1956 are as follows :—

Number of houses built by Council during year	...	67
Number of houses built by private enterprise	...	144
Number of houses under construction by Council	...	142
Number of houses under construction by private enterprise		145
Total number of post-war Council houses built	...	1,859

Population in relation to the number of inhabited dwellings :

Year	Population (Estimated)	Increase or decrease in Pop.	Natural Increase (births less deaths)	Increase by Immigration	Units of accommodation (u. of a.)	Increase of u. of a.	Number of Persons per u. of a.
1938	22,560				7,116		3.17
1942	23,960				7,416		3.23
1943	26,390	2,430	207	2,223	7,437	21	3.55
1944	25,940	-450	335	-785	7,437	0	3.49
1945	25,470	-470	190	-660	7,486	49	3.40
1946	26,040	570	272	298	7,792	306	3.34
1947	26,680	640	197	443	8,054	262	3.31
1948	27,900	1,220	199	1,021	8,265	211	3.38
1949	28,440	540	206	334	8,536	271	3.33
1950	29,110	670	229	441	8,831	295	3.30
1951	29,400	290	225	65	9,073	242	3.24
1952	30,360	960	253	707	9,261	188	3.28
1953	30,490	130	248	-118	9,456	195	3.22
1954	30,710	220	230	-10	9,786	330	3.14
1955	30,930	220	196	24	9,845	59	3.09
1956	31,390	460	199	261	9,954	109	3.15
1945 to 1956		5,920 (5,460)	2,464 (2,265)	3,466 (3,205)		2,468 (2,359)	

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING 1956.

Disease	Corrected Notifications	Cases Admitted to Hospital	Deaths.
Smallpox	0	0	0
Diphtheria	0	0	0
Scarlet Fever	7	0	0
Measles	22	0	0
Whooping Cough	36	0	0
Typhoid Fever	0	0	0
Paratyphoid	0	0	0
Dysentery	44	0	0
Cerebro-Spinal Fever	0	0	0
Acute Poliomyelitis	0	0	0
Encephalitis	0	0	0
Erysipelas	3	0	0
Acute Pneumonia	14		0(14)
Puerperal Pyrexia	1	0	0
Ophthalmia Neonatorum	0	0	0
Food Poisoning	2	0	0
Totals	129	0	0(14)

The figures given in the above table are of corrected notifications, i.e., confirmed cases.

DIPHTHERIA IMMUNISATION.

The "Immunisation State" of Redditch children on December 31st, 1956, was as follows :—

Year of Birth Age	1956 0—1	1955-52 1—4	1951-47 5—9	1946-42 10—14	Total
Last complete course of injections (whether primary or booster) :					
A. 1952—1956 (1951—1955)	44 (41)	1,822 (1,808)	2,498 (2,581)	687 (1,317)	5,051 (5,747)
B. 1951 or earlier ...	—	—	384	2,315	2,699
1950 or earlier ...	—	—	(300)	(1,562)	(1,862)
No. of Births ...	501	2,081			

The number of children immunised during the year was as follows :—

	1956	1955	1954	1953
Primary Immunisations :				
Under 5 years old ...	473	394	491	472
5—14 years old ...	14	14	21	28
Re-inforcing "Booster" Injections	448	479	471	579

SMALLPOX.

No smallpox cases occurred in Redditch.

Vaccination.

NUMBER OF PERSONS VACCINATED OR RE-VACCINATED DURING 1956.						
AGE AT DATE OF VACCINATION	Under 1	1	2-4	5-14	15 or over	Total
Number Vaccinated	292 (322)	9 (10)	9 (6)	2 (4)	— (8)	312 (350)
Number Re-Vaccinated	—	—	—	—	5	5 (6)

TUBERCULOSIS.

**TUBERCULOSIS INCIDENCE AND MORTALITY
DURING 1956.**

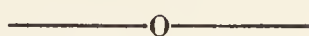
	NEW CASES				DEATHS			
	Pulmonary		Non- Pulmonary		Pulmonary		Non- Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0—	0	0	0	0	0	0	0	0
1—	0	0	0	0	0	0	0	0
2—	0	0	0	0	0	0	0	0
4—	0	0	0	0	0	0	0	1
15—	4	3	1	0	0	0	0	0
25—	1	4	0	1	0	1	0	0
35—	6	1	0	0	1	0	00	0
45—	2	1	0	0	2	0	0	0
55—	1	2	0	0	2	0	0	0
65 and over	0	2	0	0	2	2	0	0
Totals	14	13	1	1	7	3	0	1
	(34)		(2)		(7)		(1)	

The number of cases on the register on 31st December; 1956, was :

	M.	F.	Total
Pulmonary	109	75	184
Non-Pulmonary	10	7	17
Total	119	82	201

Total on December 31st, 1955
195
22
217

REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR FOR THE YEAR 1956.



*To the Chairman and Members of the
Redditch Urban District Council.*

Mr. Chairman, Ladies and Gentlemen,

I beg to present my eighteenth annual report and details of inspections made and improvements effected are as follows :—

INSPECTIONS.

Accumulations							
Found	...	...	...	...	...	...	46
Animals Kept	—	Piggeries	...	...	...	...	23
		Fowls, Pigeons, etc.	...	...	...	...	9
Complaints	...						452
Cottagers' Pigs	...	No. of notifications of slaughter			...		5
	—	No. of pigs inspected	...	...	...		3
Drainage	...	No. of drains found choked	...	...	...		62
		No. of drains found defective	...	...	...		56
	—	No. of drains tested	...	...	...		211
	—	Visits to work in progress	...	...	...		284
	—	Visits to premises re cesspools			...		112
Dwelling Houses	...	No. inspected re repairs	...	...	...		843
	—	Re-inspections	...	...	...		1435
	—	No. inspected re over-crowding	...	...	...		25
	—	No. found dirty	...	...	...		11
	—	No. found verminous (Premises)	...	...	...		18
	—	No. found verminous (Persons)	...	...	...		1
	—	Visits re pail closet conversions	...	...	...		39
	—	No. of systematic inspections	...	...	...		135
Rodent Control	...	No. of premises visited	...	...	...		2467
	—	No. of premises found infested	...	...	...		412
	—	Total number of visits for treatment					2099
Infectious Diseases		Visits re Scarlet Fever	...	...	...		7
	—	Visits re Diphtheria	...	...	...		—
	—	Visits re Other Diseases	...	...	...		567
Factories	...	With mechanical power	...	...	...		41
	—	Without mechanical power	...	...	...		9
	—	Bakehouses	...	...	...		34
	—	Other Premises	...	...	...		68
Food Premises	...	Butchers' Shops	...	...	...		97
	—	Slaughterhouses	...	...	...		402
	—	Confectioners	...	...	...		54
	—	Market	...	...	...		38
	—	Dairies and Milk shops	...	...	...		52
	—	Fishmongers and Fried Fish Shops	...	...	...		23
	—	Greengrocers and Grocers	...	...	...		93
	—	Licensed Premises	...	...	...		34
	—	Ice Cream Vendors and Manufacturers	...	...	...		81
	—	Ice Cream samples taken	...	...	...		20
	—	Preparation of potted meat, etc.	...	...	...		14
	—	Restaurants, Cafe Kitchens and Factory					
		Canteens	...	...	...		64
Knackers Yard	...	...	...	...	...		4

Shops Act	...	...	...	...	...	...	43
Smoke Abatement	No. of observations made	...	...	...	...	...	37
Tents, Vans, Sheds, Etc.	...	...	...	...	...	...	35
Water Supplies	Visits to premises re wells	...	...	...	...	...	19
—	No. of samples taken	...	...	...	...	...	16
Local Authority							
Premises	Tips	...	...	...	...	...	22
—	Sewage Works	...	...	...	...	...	9
—	Sanitary Conveniences	...	...	...	...	...	18
—	Swimming Baths	...	...	...	...	...	6
—	Samples of water taken from baths	...	...	...	...	...	6
—	Miscellaneous visits	...	...	...	...	...	395
Total number of inspections							10,518

IMPROVEMENTS.

Houses generally repaired	...	...	...	183
Wash-houses repaired	...	...	...	11
Water closets repaired or renewed	...	...	...	48
Pail closets converted to water closets	...	...	...	4
Pail closets repaired	...	...	...	3
Waste water closets abolished	...	...	...	—
Trough closets converted to water closets	...	...	...	—
Houses cleansed	...	...	...	11
Verminous premises disinfested	...	...	...	18
Choked drains cleared	...	...	...	62
Drains reconstructed	...	...	...	56
Wells abolished and mains supplies laid on	...	...	...	3
Cesspools emptied	...	...	...	11
Cesspools abolished	...	...	...	—
Dustbins provided (by owner)	...	...	...	14
Dustbins provided (by Council)	...	...	...	—
Accumulations removed	...	...	...	46

ERADICATION OF BED BUGS AND FLEAS.

Eighteen houses, including five council houses, were found to be infested with bugs or fleas. Treatment depends on the type of infestation. Bugs are dealt with by spraying the room and bedsteads with 5 per cent D.D.T. in Kerosine or Zaldecide. Fleas are dealt with by spraying bed, pillows, sheets, blankets, etc. with Geigy dust and the sprayer is loaned to the occupier to spray the clothing of the family. Re-inspections are made in each case.

MILK SUPPLY.

The register contains 25 distributors and 52 visits were made to dairies and milk shops. With the exception of two distributors who retail tuberculin tested milk from two separate farms, the remainder of the milk is heat treated. The Redditch Urban District was included in a "specified area" from 1st October, 1954.

Eighteen samples of milk (8 pasteurised, 4 T.T. pasteurised and 6 sterilised) were taken for examination. Satisfactory reports were received in respect of all the samples.

Licences granted during the year for the sale of designated milk were as follows :—

Tuberculin Tested Milk	...	...	23
Pasteurised Milk	...	...	23
Sterilised Milk	...	...	23

WATER SUPPLIES.

Water is supplied throughout the district by the East Worcestershire Waterworks Co. Four samples of mains water were taken for analysis of which all were satisfactory.

Of the 9,988 houses in the district, 99.2 % have mains supply and only 79 houses are using wells. Three wells were abolished as the result of water mains extension at Ipsley.

Details of water mains extensions during the year are as follows :

Studley Road Estate	947 yards	4 inch main.
Studley Road Estate	952 yards	3 inch main.
Headless Cross Estate	547 yards	4 inch main.
Headless Cross Estate	791 yards	3 inch main.
Forge Mill Road	173 yards	3 inch main.
Batchley Estate	42 yards	3 inch main.
Arthur Street	337 yards	4 inch main.
Harport Road	132 yards	3 inch main.

MEAT AND OTHER FOODS.

Of the 31 butchers shops, 12 are multiple concerns. The majority of the remaining 19 butchers buy off the hook. Three local butchers slaughter at the Alcester Co-operative slaughterhouse and two at the only licensed slaughterhouse in the area at Feckenham. A wholesaler also uses the slaughterhouse at Feckenham and supplies 9 butchers in the town. The remaining butchers buy from wholesalers at Stratford, Worcester and Birmingham.

100 % inspection of carcasses is maintained of animals slaughtered in the district. I have reason to believe this also applies at the other three centres. Details of meat inspection is given in the following table.

952 inspections were made at food premises as compared with 713 the previous year. Visits to the slaughterhouse were nearly double, 402 as compared with 223 and the number of animals inspected 15,012 as compared with 8,846 the previous year.

CARCASSES INSPECTED AND CONDEMNED.

	Cattle exclud- ing cows	Cows	Calves	Sheep and Lambs	Pigs
No. killed (if known)	586	158	1693	11596	1979
No. inspected ...	586	158	1693	11596	1979
All diseases except Tuberculosis : Whole carcasses condemned ...	—	—	—	29	1
Carcases of which some part or organ was condemned ...	53	52	1	1238	48
Percentage of the number affected with disease other than tuberculosis ...	9.04	32.9	.059	10.7	2.4
Tuberculosis only ... Whole carcasses condemned ...	—	1	—	—	—
Carcases of which some part or organ was condemned ...	19	15	1	—	37
Percentage of the num- ber inspected affec- ted with tuberculo- sis ...	3.24	10.1	.059	—	1.9

The following is a list of other foodstuffs surrendered as unfit for human consumption :—

Corned Beef	...	...	...	...	14	Tins.
Luncheon Meat	...	...	...	...	14	Tins
Stewed Steak	...	...	...	...	5	Tins
Ham	...	...	...	...	4	Tins
Bacon	...	...	...	...	34	lbs.
Pilchards	...	...	...	...	20	Tins.
Cod Fillets	...	...	...	...	7	lbs.
Crawfish	...	...	...	...	3	Tins
Crab	...	...	...	...	3	Tins
Tinned Tomatoes	...	...	...	...	108	Tins
Tinned Fruit	...	...	...	...	264	Tins
Tinned Fruit Juices	...	...	...	...	3	Tins
Tinned Peas	...	...	...	...	52	Tins
Beans in Tomato Sauce	...	...	...	...	7	Tins
Tinned Carrots	...	...	...	...	1	Tin
Tinned Soup	...	...	...	...	3	Tins
Tinned Cream	...	...	...	...	39	Tins
Jam	...	...	...	...	3	Jars
Butter	...	...	...	...	1	lb.
Sauce	...	...	...	...	1	Bottle
Pickles	...	...	...	...	1	Jar
Coffee Essence	...	...	...	...	3	Bottles
Cheese	...	...	...	...	16	lbs.
Cashew Nuts	...	...	...	...	28	lbs.
Sugar Cake Decorations	...	...	...	...	3	Gross
Candied Peel Cups	...	...	...	...	27	dozen.
Swiss Rolls	...	...	...	...	11	cartons
Nut Toffee	...	...	...	...	3	Trays
Dried Fruit	...	...	...	...	1	Box.

ICE CREAM.

One hundred and seventeen premises are registered to retail ice cream and of these four are registered to manufacture. During the year 81 inspections were made and 12 samples taken for bacteriological examination and 8 samples taken for chemical analysis.

Bacteriological Samples.

There are four provisional grades for ice cream and grades 1 and 2 are satisfactory. All the bacteriological samples submitted were reported on by the bacteriologist as Grade 1.

Chemical Samples.

The minimum chemical standard for ice cream is 5 % fat, 7½ % solids not fat, and 10 % sugar. Of the samples taken, the highest fat content was 14.2 % and the lowest 9.9 %. The average was 12.5 %.

In all cases sugar percentage was satisfactory. The highest total solids content was 42.8 % and the lowest 35 %. The average was 37.7 %.

RODENT CONTROL.

Local authority premises, such as refuse tips and sewage works, are regularly inspected and treated when necessary. The analysis of Inspection and Treatment is as follows :—

Inspections :

Number of domestic premises inspected	...	...	2000
Number of business premises inspected	...	...	279
Number of local authority premises inspected	...	...	120
Number of farms inspected	...	...	68
Total number of premises inspected			2467

Infestations Found :

Total number of infestations found	...	...	...	412
------------------------------------	-----	-----	-----	-----

Analysis of Infestations :

Number of Infestations found (Rats) (Major)	...	6
Number of infestations found (Rats) (Minor)	...	383
Total number of infestations of rats found	...	389
Number of infestations found (Mice) (Major)	...	7
Number of infestations found (Mice) (Minor)	...	16
Total number of infestations of mice found		23

Treatment :

Number of first treatments	...	...	...	402
Number of second treatments	...	...	...	1
Total number of treatments	...	...	...	403
Total number of visits for treatment	...			2099

Analysis of First Treatments :

Number of first treatments (Rats) (Major)	...	6
Number of first treatments (Rats) (Minor)	...	380
Number of first treatments (Mice) (Major)	...	6
Number of first treatments (Mice) (Minor)	...	10
Total number of first treatments (Rats and Mice)	...	402

Sewer Maintenance Treatment :

Number of sewer maintenance treatments	...	2
Number of manholes baited (first treatment)	...	177
Number of manholes baited (second treatment)	...	135
Total number of manholes baited	...	312

Analysis of First Treatment :

Bait Base : Damp Sausage Rusk and Arsenious Oxide (10 %).

Number of manholes test baited (10 % of manholes not included in previous treatment) :	...	59
Number of manholes baited (actual treatment)	...	177
Number of manholes showing prebait take	...	71
Number of manholes showing complete prebait take		45
Number of manholes showing partial prebait take		26

Analysis of Second Treatment :

Bait Base : Bread Mash with 2½ % Zinc Phosphide.

Number of manholes baited (actual treatment)	...	135
Number of manholes showing prebait take	...	58
Number of manholes showing complete prebait take		40
Number of manholes showing partial prebait take		18

SANITARY ACCOMMODATION.

Number of pail closets converted to water closets	...	4
Analysis of sanitary accommodation at the end of 1956 :		
Water closets	...	9746
Automatically flushed W.C.'s	...	30
Waste Water Closets	...	10
Pail closets	...	185
Earth closets	...	17

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951.

The main purpose of this Act is to improve the standard of cleanliness of fillings used in upholstery and for the registration of premises where this work is carried out. It does not apply to the re-making or reconditioning of furniture. When the act came into operation in August, 1951, two premises were registered under these provisions. They have since ceased to manufacture furniture and are not now subject to the provisions of this Act.

MOVEABLE DWELLINGS.

Details of licenses issued during the year in accordance with section 269, Public Health Act, 1936, are as follows :—

Site	Site Occupier.	Occupier of Moveable Dwelling.
Adjoining 32 Yvonne Rd.	H. E. Quinney, The Rough, Headless Cross.	Mrs. R. E. Hodges
Astwood Bank Farm	J. Shirley Priest, Astwood Bank Farm.	Mr. J. Palmer
School Lane, Feckenham	F. Freeman, School Lane, Feckenham.	Mr. R. J. Baylis
Bordesley Lodge Farm, Birmingham Road.	T. Dickenson, Bordesley Lodge Farm.	Mr. G. Oakley.
26 Grove Street.	Mr. H. Harvey, 26 Grove Street.	Mr. Wedgbury.

It will be noted that only one caravan is occupied on each site.

HOUSING.

During the year 52 houses were represented as unfit for habitation under sections 11, 12 and 25 of the Housing Act, 1936. Of these 40 houses were represented in five clearance areas as follows :—

Weaver's Hill Clearance Area	... 5 houses.
Mount Pleasant	... 10 houses
Hill Street	... 8 houses
Birchfield Road Clearance Area	7 houses.
Red Lion Street Clearance Area	10 houses

The first two areas were dealt with by making Clearance Orders and the remaining three areas by making Compulsory Purchase Orders. After a public inquiry the Ministry confirmed the Orders for the five areas.

During the year 8 houses were demolished and 19 families consisting of 64 persons were rehoused from condemned houses.

INSPECTION OF DWELLING HOUSES DURING THE YEAR.

(1) (a)	Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	... 843
(b)	Number of inspections made for the purpose	... 1435
(2) (a)	Number of dwelling houses (included under subhead (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	135
(2) (b)	Number of inspections made for this purpose	... 135
(3)	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	... 155
(4)	Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	... 183

REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES.

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers	...	...	...	...	...	141
---	-----	-----	-----	-----	-----	-----

ACTION UNDER STATUTORY POWERS DURING THE YEAR.

(a) Proceedings under Section 9, 10 and 16 of the Housing Act, 1936.

(1) Number of dwelling houses in respect of which notices were served requiring repairs	...	...	...	...	Nil.
---	-----	-----	-----	-----	------

(2) Number of dwelling houses which were rendered fit after service of formal notices :	
---	--

(a) By Owners	...	...	...	...	...	Nil.
---------------	-----	-----	-----	-----	-----	------

(b) By Local Authority in default of owners	...	Nil.
---	-----	------

(b) Proceedings under Public Health Acts.

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	...	42
--	-----	----

(2) Number of dwelling houses in which defects were remedied after service of formal notices :—	
---	--

(a) By Owners	...	...	...	...	...	42
---------------	-----	-----	-----	-----	-----	----

(b) By Local Authority in default of owners	...	Nil.
---	-----	------

(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936

(1) Number of dwelling houses in respect of which Demolition Orders were made	...	...	...	...	...	11
---	-----	-----	-----	-----	-----	----

(2) Number of dwelling houses in respect of which Closing Orders were made	...	...	...	...	...	1
--	-----	-----	-----	-----	-----	---

(3) Number of dwelling houses demolished in pursuance of Demolition Orders	...	...	...	...	...	8
--	-----	-----	-----	-----	-----	---

(d) Proceedings under Section 12 of the Housing Act, 1936.

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were determined the tenement or room having been rendered fit	...	...	Nil.
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HOUSING ACT, 1936, PART IV, OVERCROWDING.

(a) (1) Number of dwellings overcrowded at the end of the year	...	...	...	...	...	14
(2) Number of families dwelling therein	...	...	...	...	...	21
(3) Number of persons dwelling therein	...	...	...	...	...	96

(b) Number of new cases of overcrowding reported during the year	...	...	...	...	...	1
--	-----	-----	-----	-----	-----	---

(c) (1) Number of cases of overcrowding relieved during the year	...	...	...	...	...	3
--	-----	-----	-----	-----	-----	---

(2) Number of persons concerned in such cases	...	19
---	-----	----

(d) Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	Nil.
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FACTORIES.

1.—INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH.

Premises (1)	Number of			
	No. on Register (2)	Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(1) Factories in which Sections 1, 2, 3, 4, and 6 are to be en- forced by Local Authorities ...	51	9	—	—
(2) Factories not in- cluded in (1) in which Section 7 is en- forced by the Local Authority ...	275	41	—	—
(3) Other premises in which Section 7 is enforced by the Local Authority (excluding out- workers' premises)	8	68	—	—
TOTAL ...	334	118	—	—

2.—DEFECTS FOUND.

Particulars (1)	Number of cases in which defects were found				Number of offences in respect of which Prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. In-spector (4)	Referred By H.M. In-spector (5)	
Want of cleanliness... (S.1)	4	4	—	1	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3) ...	—	—	—	—	—
Inadequate Ventilation (S.4) ...	—	—	—	—	—
Ineffective drainage of floors (S.6) ...	—	—	—	—	—
Sanitary conveniences (S.7) ...	—	—	—	—	—
(a) insufficient	—	—	—	—	—
(b) unsuitable or defective ...	5	5	—	1	—
(c) not separate for sexes	—	—	—	—	—
Other offences ... against the Act (not including offences relating to out-work) ...	—	—	—	—	—
TOTAL ...	9	9	—	2	—

I have the honour to be, Ladies and Gentlemen,

Your Obedient Servant,

G. H. CHAMPION,

CHIEF PUBLIC HEALTH INSPECTOR.

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